

Amendments to the Claims:

1. (Previously Presented) A code division multiple access (CDMA) terminal for providing a CDMA service in a CDMA service area, comprising:

a subscriber identity module (SIM) cardholder for installing or uninstalling a SIM card of a global system for mobile communications (GSM) service subscriber, wherein when a SIM card of a GSM service subscriber is installed in the SIM cardholder in the CDMA service area, specific data are transmitted using a CDMA data burst message in the case of authenticating the GSM service subscriber using information on the GSM service subscriber stored in the SIM card, and when the authentication of the GSM service subscriber is normally completed, the CDMA terminal is used for the GSM service subscriber as a roaming service terminal in the CDMA service area.

2. (Original) The CDMA terminal of claim 1, wherein the CDMA terminal comprises:

a wireless signal transmitter for transmitting and receiving wireless signals;
a mobile station modem (MSM) connected to the wireless signal transmitter, for controlling the CDMA terminal;
a SIM interface for communicating data between the MSM and the SIM cardholder;
a speaker for outputting speech data output by the MSM to a CDMA terminal user in a speech format;

a microphone for converting the speech input by the CDMA terminal user into speech data, and outputting them to the MSM;

a liquid crystal display (LCD) connected to the MSM, for displaying information to the CDMA terminal user;

a key input unit for receiving a key input of the CDMA terminal user, and transmitting it to the MSM; and

a memory connected to the MSM, for storing various data.

3. (Original) The CDMA terminal of claim 2, wherein the MSM comprises:

a modem for demodulating signals output by the wireless signal transmitter according to the CDMA protocol, modulating the signals according to the CDMA protocol, and outputting them to the wireless signal transmitter;

a de-interleaver and decoder for de-interleaving and decoding the signals output by the modem;

a speech signal processor for performing speech processing on the signals output by the de-interleaver and decoder, outputting them to the speaker as digital speech data, performing signal processing on the speech data input by the microphone, and outputting them;

an interleaver and encoder for interleaving and encoding the signals output by the speech signal processor; and

a controller for controlling the modem, the de-interleaver and decoder, the speech signal processor, the interleaver and encoder, the LCD, the key input unit, and the memory.

4. (Original) The CDMA terminal of claim 2, wherein the wireless signal transmitter comprises:

a duplexer for transmitting and receiving wireless signals through an antenna, and assigning a path of the transmitted and received signals;

a wireless receiver for performing signal processing on the wireless signals transmitted by the duplexer, and outputting them to the MSM; and

a wireless transmitter for performing signal processing on the wireless signals output by the MSM, and outputting them to the duplexer.

5. (Currently Amended) A code division multiple access (CDMA) terminal comprising: a cardholder for installing and uninstalling a user identity module (UIM) of a CDMA service subscriber; and a card interface for detecting whether a UIM card is installed in the cardholder, wherein when the card interface detects that the UIM card of the CDMA service subscriber is installed in the cardholder in the CDMA service area, the CDMA service subscriber can use the CDMA service, and the cardholder can install or uninstall a subscriber identity module (SIM) card of a global system for mobile communications (GSM) service subscriber, and the card interface can detect whether the SIM card is installed in the cardholder such that the

same cardholder is capable of alternately receiving both the SIM card and the UIM card, and when the card interface detects that the SIM card of the GSM service subscriber is installed in the cardholder in the CDMA service area, specific data are transmitted using a CDMA message in the case of authenticating the GSM service subscriber using information of the GSM service subscriber stored in the SIM card, and when the authentication of the GSM service subscriber is normally completed, the CDMA terminal operates as a roaming terminal for the GSM service subscriber in the CDMA service area.

6. (Previously Presented) The CDMA terminal of claim 5, wherein the CDMA terminal comprises:

- a wireless signal transmitter for transmitting and receiving wireless signals;
- a mobile station modem (MSM) connected to the wireless signal transmitter and the card interface, for controlling the CDMA terminal;
- a speaker for outputting speech data output by the MSM to a CDMA terminal user in a speech format;
- a microphone for converting the speech input by the CDMA terminal user into speech data, and outputting them to the MSM;
- a liquid crystal display (LCD) connected to the MSM, for displaying information to the CDMA terminal user;
- a key input unit for receiving a key input of the CDMA terminal user, and transmitting it to the MSM; and
- a memory connected to the MSM, for storing various data.

7. (Previously Presented) The CDMA terminal of claim 5, wherein the card interface comprises a circuit for detecting whether a UIM card or a SIM card is installed in the cardholder.

8. (Currently Amended) A system ~~for permitting~~ for providing code division multiple access (CDMA) service to a global system for mobile communications (GSM) subscriber in a service area of a CDMA network, the system comprising:

an international roaming gateway system (IRGS) for connecting a GSM network of the GSM subscriber and the CDMA network, wherein the IRGS is configured to function both as a visitor location register (VLR) for the GSM network and as a home location register (HLR) for the CDMA network in instances in which a subscriber identity module (SIM) of the GSM subscriber has been installed in a CDMA terminal within the service area of the CDMA network;
and

a CDMA terminal having a cardholder and a card interface device for detecting which one, if any, of a user identity module (UIM) of a CDMA subscriber and the SIM of the GSM subscriber is installed in the cardholder and providing CDMA service to either of the CDMA subscriber and the GSM subscriber, thereby permitting the same cardholder to be capable of alternately receiving both the SIM and the UIM.

9. (Previously Presented) The system of claim 8 wherein the IRGS is configured to receive a location registration request from the CDMA terminal that includes an international mobile subscriber identity (IMSI) identifying the SIM of the GSM subscriber.

10. (Previously Presented) The system of claim 9 wherein the IRGS is configured to requests an authentication parameter from the GSM network based upon the IMSI.

11. (Currently Amended) The system of claim 10 wherein the authentication parameter comprises an SRES parameter and a RAND parameter, wherein the IRGS is configured to provide the RAND parameter to the CDMA terminal and to receive another SRES parameter from the CDMA terminal in response to the provision of the RAND parameter, and wherein the IRGS is configured to request the HLR in the GSM system to send the authentication parameter regarding the CDMA terminal, and to store the authentication parameter received by the HLR in response to the request, and to compare the SRES parameters in order to verify the GSM subscriber.

12. (Previously Presented) The system of claim 9 wherein the IRGS determines and stores a reserved mobile identity number (TMIN) in response to receipt of the IMSI.